

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	48885	(noise WITH (cancel\$ OR suppress\$3 OR subtract\$3 OR reduc\$4)) SAME second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 13:53
S4	22309	S3 AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:01
S5	61	S4 AND Wiener filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 13:55
S6	2	Smits-T\$.xp,xa. AND Wiener filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:02
S7	49	Smits-T\$.xp,xa. AND 704/226-228. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:12
S8	3671	residual near2 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:20
S9	1103	S8 WITH (suppress\$3 OR cancel\$ OR subtract\$3 OR reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:21

## EAST Search History

S10	636	S9 AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:21
S11	2460	residual near noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:21
S12	773	S11 WITH (suppress\$3 OR cancel\$ OR subtract\$3 OR reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:21
S13	479	S12 AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 14:22
S14	24	S13 AND (noise near reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:27
S15	1	S13 AND ((noise near reference) with subtract\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:07
S16	103	mainly noise AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 15:08

## EAST Search History

S17	1491	(vehicle WITH noise) SAME microphone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:31
S18	714	S17 AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:36
S19	0	S18 AND Smits-T\$.xp,xa.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:37
S20	48	S18 AND "704"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:37
S21	288	S18 AND (subtract\$3 OR cancel\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:38
S22	333	S17 SAME (subtract\$3 OR cancel\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:39
S23	149	S22 AND @ad<"20010212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/07/06 16:39

[File 2] **INSPEC** 1898-2007/Jun W4  
(c) 2007 Institution of Electrical Engineers. All rights reserved.

[File 6] **NTIS** 1964-2007/Jul W2  
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1884-2007/Jun W4  
(c) 2007 Elsevier Eng. Info, Inc. All rights reserved.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Jul W2  
(c) 2007 The Thomson Corp. All rights reserved.

[File 35] **Dissertation Abs Online** 1861-2007/Jun  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 56] **Computer and Information Systems Abstracts** 1966-2007/Jun  
(c) 2007 CSA. All rights reserved.

[File 57] **Electronics & Communications Abstracts** 1966-2007/Jun  
(c) 2007 CSA. All rights reserved.

[File 65] **Inside Conferences** 1993-2007/Jul 04  
(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 95] **TEME-Technology & Management** 1989-2007/Jul W1  
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jun  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 144] **Pascal** 1973-2007/Jun W4  
(c) 2007 INIST/CNRS. All rights reserved.

[File 239] **Mathsci** 1940-2007/Aug  
(c) 2007 American Mathematical Society. All rights reserved.

[File 256] **TecInfoSource** 82-2007/June  
(c) 2007 Info.Sources Inc. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec  
(c) 2006 The Thomson Corp. All rights reserved.

[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13  
(c) 2002 The Gale Group. All rights reserved.  
*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 603] **Newspaper Abstracts** 1984-1988  
(c)2001 ProQuest Info&Learning. All rights reserved.  
*\*File 603: This is a closed file.*

[File 483] **Newspaper Abs Daily** 1986-2007/Jul 05  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 248] **PIRA** 1975-2007/Jun W2  
(c) 2007 Pira International. All rights reserved.

Set	Items	Description
S1	315697	S (VOICE?? OR VOCAL???? OR SOUND?? OR ACOUSTIC? OR AUDIBL? OR AUDIO OR SPEECH OR TALK??? OR SPEAKER OR AURAL OR UTTERANCE?? OR SONG OR MUSIC OR LANGUAGE??) (3N) (SAMPL??? OR PACKET? OR DATA OR FRAME?? OR SIGNAL? OR SPECTRUM OR SPECTRA OR COMPONENT?? OR ELEMENT??)
S2	17393	S (NOISE?? OR (WHITE OR PINK) ()NOISE?? OR BABBL??? OR CROSS () TALK???) (3N) S1

S3 628 S (CORRELAT??? OR RELAT? OR CORRESPOND? OR COMPARE?? OR  
 COMPARING OR COMPARISON?? OR MATCH??? OR RELATIONSHIP OR ASSOCIAT???) (3N) S2  
 S4 104 S (SUPPRESS??? OR DENOIS? OR FILTER??? OR REMOV??? OR  
 SEPARATE??? OR RECOVER? OR EXTRACT??? OR SUBTRACT??? OR MINUS OR DIFFERENCE OR  
 CLEAN??? OR REDUC? OR CANCEL???? OR TRAIN??? OR CORRECT??? OR MUTE?? OR MUTING  
 OR CANCEL? OR UNDESIRED??) (3N) S3  
 S5 0 S (S4(3N)UNCORRELAT??? OR S4 NOT (CORRELAT??? OR RELAT? OR  
 CORRESPOND? OR COMPARE?? OR COMPARING OR COMPARISON?? OR MATCH??? OR  
 RELATIONSHIP OR ASSOCIAT???) )  
 S6 49750 S AU=(YANG, F? OR YANG F? OR HUANG, Y? OR HUANG Y?)  
 S7 8262 S ADAPTIVE(3N) CANCEL?  
 S8 78 RD S4 (unique items)  
 S9 51 S S8 NOT PY>2001  
 S10 2 S S9 AND UNCORRELAT?  
 S11 1 S S9 AND NLMS  
 S12 1 S S11 NOT S10  
 S13 4 S S9 AND S7  
 S14 4 S S13 NOT (S10 OR S12)  
 S15 10 S S9 AND SUPPRESS?  
 S16 8 S S15 NOT (S10 OR S12 OR S14)  
 S17 0 S S9 AND S6  
 S18 2 S S3 AND S6  
 S19 2 S S18 NOT (S10 OR S12 OR S14 OR S16)  
 S20 0 S S19 NOT PY>2001  
 S21 1 S S3(3N) S7  
 S22 0 S S21 NOT (S10 OR S12 OR S14 OR S16)

10/3,K/1 (Item 1 from file: 8) [Links](#)

Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

07484822 E.I. No: EIP96083298880

**Title:** Optimization of speech enhancement techniques coping with uncorrelated or correlated noises

**Author:** Faucon, G.; Jeannes, R. Le Bouquin

**Corporate Source:** Universite de Rennes, Rennes, Fr

**Conference Title:** Proceedings of the 1996 International Conference on Communication Technology Proceedings, ICCT'96. Part 1 (of 2)

**Conference Location:** Beijing, China **Conference Date:** 19960505-19960507

**E.I. Conference No.:** 45212

**Source:** International Conference on Communication Technology Proceedings, ICCT v 1 1996. IEEE, Piscataway, NJ, USA. p 416-419

**Publication Year:** 1996

**CODEN:** 002424

**Language:** English

**Title:** Optimization of speech enhancement techniques coping with uncorrelated or correlated noises

**Abstract:** ...low while the coherence between the speech signals is close to one (in magnitude). Two methods have been already proposed considering that the noises are uncorrelated. In this paper, a modification is presented to take the correlated noises into account. The aim is to study theoretically the methods to get an...

**Descriptors:** \*Speech processing; Optimization; Signal interference; Acoustic noise; Mobile radio systems; Correlation theory; Signal filtering and prediction; Error compensation; Interference suppression; Frequency domain analysis

**Identifiers:** Speech enhancement; Correlated noise; Uncorrelated noise; Wiener filtering; Coherence function; Noise cancellation technique

10/3,K/2 (Item 2 from file: 8) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Ei Compendex(R)

(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.

06869263 E.I. No: EIP94051299070

[File 344] Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office. All rights reserved.

[File 347] JAPIO Dec 1976-2007/Dec(Updated 070702)  
(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] Derwent WPIX 1963-2007/UD=200742  
(c) 2007 The Thomson Corporation. All rights reserved.

*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit  
<http://www.dialog.com/dwpi/>.*

[File 371] French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv. All rights reserved.

*\*File 371: This file is not currently updating. The last update is 200209.*

Set	Items	Description
S1	266659	S (VOICE?? OR VOCAL???? OR SOUND?? OR ACOUSTIC? OR AUDIBL? OR AUDIO OR SPEECH OR TALK??? OR SPEAKER OR AURAL OR UTTERANCE?? OR SONG OR MUSIC OR LANGUAGE??) (3N) (SAMPL??? OR PACKET? OR DATA OR FRAME?? OR SIGNAL? OR SPECTRUM OR SPECTRA OR COMPONENT?? OR ELEMENT??)
S2	8945	S (NOISE?? OR (WHITE OR PINK) ()NOISE?? OR BABBL??? OR CROSS ()TALK???) (3N) S1
S3	672	S (CORRELAT??? OR RELAT? OR CORRESPOND? OR COMPARE?? OR COMPARING OR COMPARISON?? OR MATCH??? OR RELATIONSHIP OR ASSOCIAT???) (3N) S2
S4	248	S (SUPPRESS??? OR DENOIS? OR FILTER??? OR REMOV??? OR SEPARATE??? OR RECOVER? OR EXTRACT??? OR SUBTRACT??? OR MINUS OR DIFFERENCE OR CLEAN??? OR REDUC? OR CANCEL???? OR TRAIN??? OR CORRECT??? OR MUTE?? OR MUTING OR CANCEL? OR UNDESIRED??) (3N) S3
S5	6269	S AU=(YANG, F? OR YANG F? OR HUANG, Y? OR HUANG Y?)
S6	1332	S ADAPTIVE(3N) CANCEL?
S7	2	S S4 (3N) S6
S8	2	S S4 (20N) UNCORRELAT?
S9	2	S S8 NOT S7
S10	28	S S4 (3N) SUPPRESS?
S11	17	S S10 NOT (S7 OR S8 OR AD=20010212:20070703/PR)
S12	11	S S11 AND IC=G10L?
S13	0	S S4 AND S5
S14	1	S S5 AND S6
S15	2	S S3 (3N) S6
S16	0	S S15 NOT (S7 OR S8 OR S12)

7/3,K/1 (Item 1 from file: 350) [Links](#)

Derwent WPIX

(c) 2007 The Thomson Corporation. All rights reserved.

0011138038 *Drawing available*

WPI Acc no: 2002-074733/200210

XRPX Acc No: N2002-055138

**Noise canceler system for voice signal has step size decision circuit which outputs step sizes of decision signals from voice detection circuits to adaptive filters**

Patent Assignee: UNIV NANYANG TECHNOLOGICAL (UYNA-N)

Inventor: LAN H; ZHANG M

Patent Family ( 3 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010048740	A1	20011206	US 2001848943	A	20010503	200210	B
SG 97885	A1	20030820	SG 20002446	A	20000505	200362	E
US 6700976	B2	20040302	US 2001848943	A	20010503	200417	E

[File 348] EUROPEAN PATENTS 1978-2007/ 200727

(c) 2007 European Patent Office. All rights reserved.

\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

[File 349] PCT FULLTEXT 1979-2007/UB=20070628UT=20070621

(c) 2007 WIPO/Thomson. All rights reserved.

\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.

Set	Items	Description
S1	140933	S (VOICE?? OR VOCAL???? OR SOUND?? OR ACOUSTIC? OR AUDIBL? OR AUDIO OR SPEECH OR TALK??? OR SPEAKER OR AURAL OR UTTERANCE?? OR SONG OR MUSIC OR LANGUAGE??) (3N) (SAMPL??? OR PACKET? OR DATA OR FRAME?? OR SIGNAL? OR SPECTRUM OR SPECTRA OR COMPONENT?? OR ELEMENT??)
S2	6933	S (NOISE?? OR (WHITE OR PINK) () NOISE?? OR BABBL??? OR CROSS() TALK???) (3N) S1
S3	634	S (CORRELAT??? OR RELAT? OR CORRESPOND? OR COMPARE?? OR COMPARING OR COMPARISON?? OR MATCH??? OR RELATIONSHIP OR ASSOCIAT???) (3N) S2
S4	186	S (SUPPRESS??? OR DENOIS? OR FILTER??? OR REMOV??? OR SEPARATE??? OR RECOVER? OR EXTRACT??? OR SUBTRACT??? OR MINUS OR DIFFERENCE OR CLEAN??? OR REDUC? OR CANCEL???? OR TRAIN??? OR CORRECT??? OR MUTE?? OR MUTING OR CANCEL? OR UNDESIREDD??) (3N) S3
S5	1078	S AU= (YANG, F? OR YANG F? OR HUANG, Y? OR HUANG Y?)
S6	1571	S ADAPTIVE (3N) CANCEL?
S7	49	S S2 (20N) S6
S8	34	S S7 NOT AD=20010212:20070703/PR
S9	11	S S8 AND IC=G10L?
S10	5	S (S3 OR S4) (20N) UNCORRELAT?
S11	5	S S10 NOT S9
S12	0	S S4 AND S5
S13	0	S S3 AND S5
S14	2	S S3 (3N) S6
S15	5	S S10 NOT S14

9/3K/1 (Item 1 from file: 348) Links

EUROPEAN PATENTS

(c) 2007 European Patent Office. All rights reserved.

02031858

**Speech signal processing with combined adaptive noise reduction and adaptive echo compensation**

Sprachsignalverarbeitung für die gemeinsame adaptive Reduktion von Störgeräuschen und von akustischen Echos

Traitement du signal de parole pour la réduction adaptative de bruit et le contrôle adaptatif de l'écho acoustique simultanés

**Patent Assignee:**

- Harman Becker Automotive Systems GmbH; (4341692)  
Becker-Goering-Strasse 16; 76307 Karlsbad; (DE)  
(Applicant designated States: all)

**Inventor:**

- Kellermann, Walter, Prof.Dr.-Ing  
University Erlangen-Nuremberg Cauerstrasse 7; 91058 Erlangen; (DE)
- Herbordt, Wolfgang, c/o Kellermann, W., Prof.Dr.-Ing  
University Erlangen-Nuremberg Cauerstrasse 7; 91058 Erlangen; (DE)

**Legal Representative:**

[File 9] **Business & Industry(R)** Jul/1994-2007/Jun 29  
(c) 2007 The Gale Group. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/Jul 05  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Jul 02  
(c) 2007 The Gale Group. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/Jul 05  
(c) 2007 Dialog. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/Jun 22  
(c) 2007 The Gale group. All rights reserved.

[File 75] **TGG Management Contents(R)** 86-2007/Jun W4  
(c) 2007 The Gale Group. All rights reserved.

[File 80] **TGG Aerospace/Def.Mkts(R)** 1982-2007/Jun 29  
(c) 2007 The Gale Group. All rights reserved.

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/Jun 28  
(c) 2007 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/Jul  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 112] **UBM Industry News** 1998-2004/Jan 27  
(c) 2004 United Business Media. All rights reserved.  
*\*File 112: File 112 is no longer updating.*

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Jul 02  
(c) 2007 The Gale Group. All rights reserved.

[File 264] **DIALOG Defense Newsletters** 1989-2007/Jul 02  
(c) 2007 Dialog. All rights reserved.

[File 484] **Periodical Abs Plustext** 1986-2007/Jul W1  
(c) 2007 ProQuest. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/Jul  
(c) 2007 The HW Wilson Co. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2007/Jun 29  
(c) 2007 The Gale Group. All rights reserved.

[File 620] **EIU:Viewswire** 2007/Jul 02  
(c) 2007 Economist Intelligence Unit. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Jul 02  
(c) 2007 The Gale Group. All rights reserved.

[File 623] **Business Week** 1985-2007/Jul 05  
(c) 2007 The McGraw-Hill Companies Inc. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/Jul 05  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.

*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/Jun 29  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 635] **Business Dateline(R)** 1985-2007/Jul 04  
(c) 2007 ProQuest Info&Learning. All rights reserved.



[File 636] Gale Group Newsletter DB(TM) 1987-2007/Jul 02  
(c) 2007 The Gale Group. All rights reserved.

[File 647] CMP Computer Fulltext 1988-2007/Sep W1  
(c) 2007 CMP Media, LLC. All rights reserved.

[File 696] DIALOG Telecom. Newsletters 1995-2007/Jul 03  
(c) 2007 Dialog. All rights reserved.

[File 674] Computer News Fulltext 1989-2006/Sep W1  
(c) 2006 IDG Communications. All rights reserved.  
\*File 674: File 674 is closed (no longer updates).

[File 810] Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire. All rights reserved.

[File 813] PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc. All rights reserved.

[File 587] Jane's Defense&Aerospace 2007/Jul W1  
(c) 2007 Jane's Information Group. All rights reserved.

Set	Items	Description
S1	1015316	S (VOICE?? OR VOCAL???? OR SOUND?? OR ACOUSTIC? OR AUDIBL? OR AUDIO OR SPEECH OR TALK??? OR SPEAKER OR AURAL OR UTTERANCE?? OR SONG OR MUSIC OR LANGUAGE??) (3N) (SAMPL??? OR PACKET? OR DATA OR FRAME?? OR SIGNAL? OR SPECTRUM OR SPECTRA OR COMPONENT?? OR ELEMENT??)
S2	3299	S (NOISE?? OR (WHITE OR PINK) () NOISE?? OR BABBL??? OR CROSS() TALK???) (3N) S1
S3	78	S (CORRELAT??? OR RELAT? OR CORRESPOND? OR COMPARE?? OR COMPARING OR COMPARISON?? OR MATCH??? OR RELATIONSHIP OR ASSOCIAT???) (3N) S2
S4	8	S (SUPPRESS??? OR DENOIS? OR FILTER??? OR REMOV??? OR SEPARATE??? OR RECOVER? OR EXTRACT??? OR SUBTRACT??? OR MINUS OR DIFFERENCE OR CLEAN??? OR REDUC? OR CANCEL???? OR TRAIN??? OR CORRECT??? OR MUTE?? OR MUTING OR CANCEL? OR UNDESIRE??) (3N) S3
S5	2082	S AU=(YANG, F? OR YANG F? OR HUANG, Y? OR HUANG Y?)
S6	1188	S ADAPTIVE(3N) CANCEL?
S7	7	RD S4 (unique items)
S8	3	S S7 NOT PY>2001
S9	2	S S8 NOT CHOLERA
S10	0	S S3(20N) S6
S11	0	S S3 AND S6
S12	23	S S2(3N) S6
S13	16	S S12 AND (CORRELAT??? OR RELAT? OR CORRESPOND? OR COMPARE?? OR COMPARING OR COMPARISON?? OR MATCH??? OR RELATIONSHIP OR ASSOCIAT???)
S14	16	S S13(20N) (SUPPRESS??? OR DENOIS? OR FILTER??? OR REMOV??? OR SEPARATE??? OR RECOVER? OR EXTRACT??? OR SUBTRACT??? OR MINUS OR DIFFERENCE OR CLEAN??? OR REDUC? OR CANCEL???? OR TRAIN??? OR CORRECT??? OR MUTE?? OR MUTING OR CANCEL? OR UNDESIRE??).
S15	10	S S14 NOT PY>2001
S16	6	RD (unique items)
S17	2	S S3(20N) UNCORRELAT?
S18	0	S (S3 OR S6) AND S5

9/3,K/1 (Item 1 from file: 112) [Links](#)

UBM Industry News

(c) 2004 United Business Media. All rights reserved.

01166576 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Ambient noise reduction: integrated solution for telecom applications